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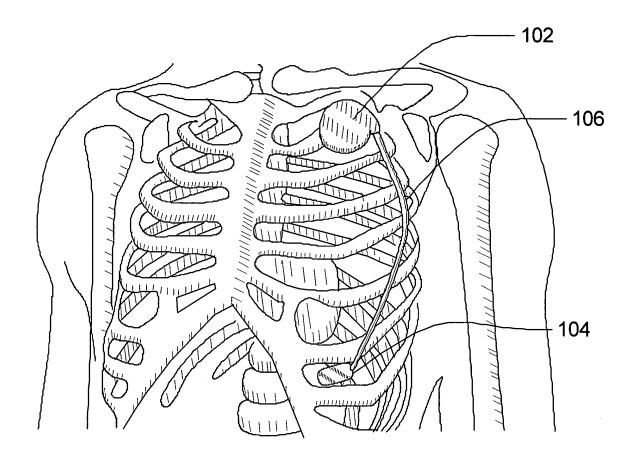


Figure 1A

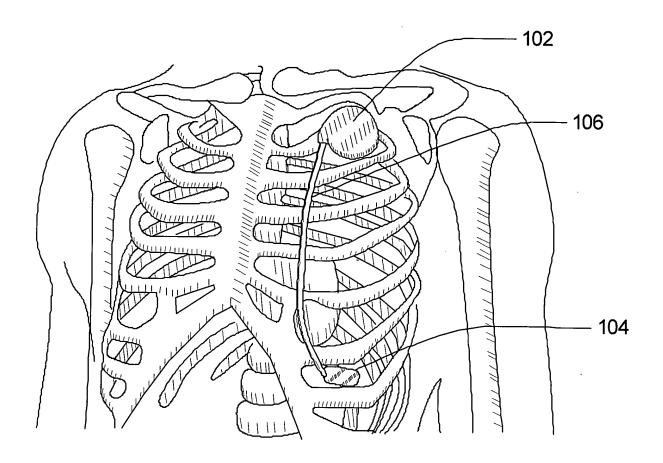
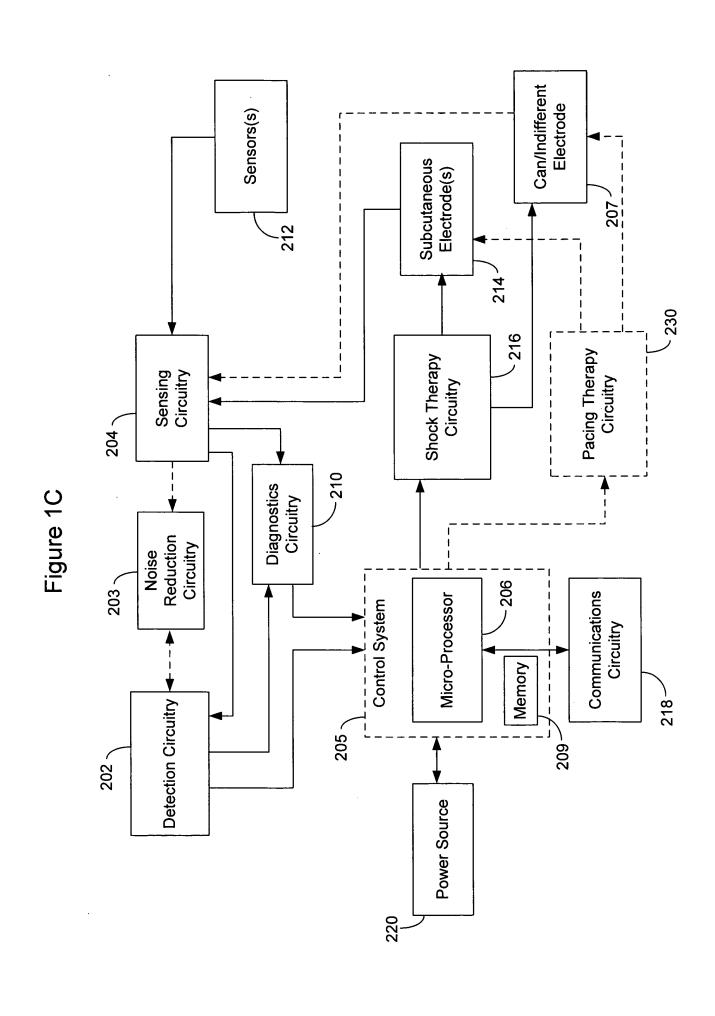


Figure 1B



Cardiac Signal Noise Skeletal Muscle Signal Processing Circuitry Processing Circuitry Processing Cardiac Acoustics Circuitry Figure 1D 312 Rate Detection Circuitry Micro-Processor Morphology Analysis Circuitry **Detection Circuitry** 306-310/ 302

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Figure 2A

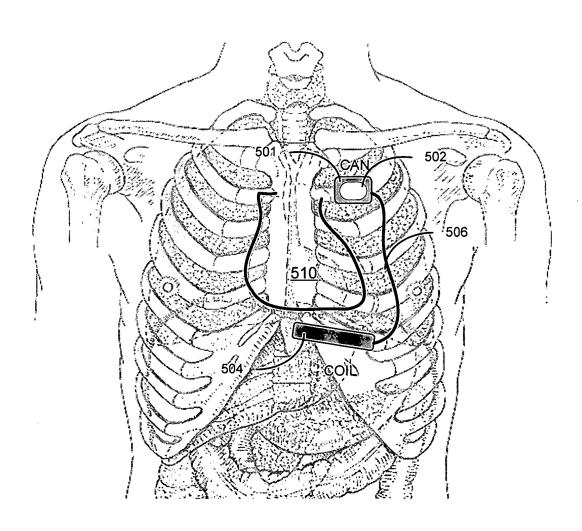


Figure 2B

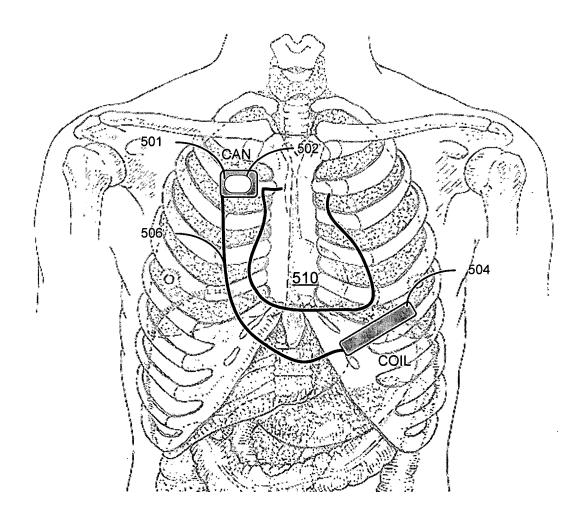
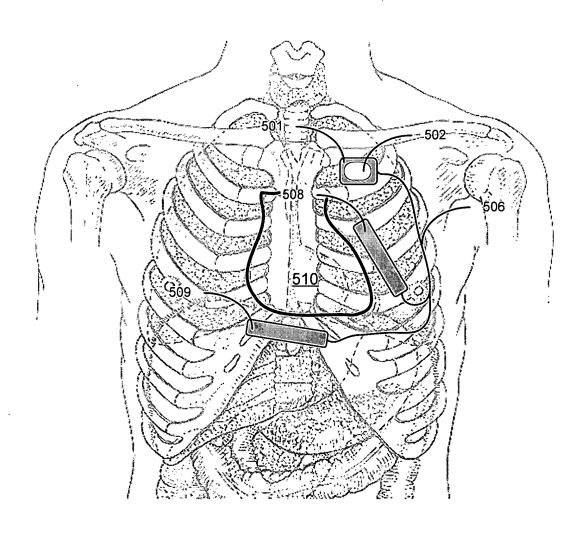


Figure 2C



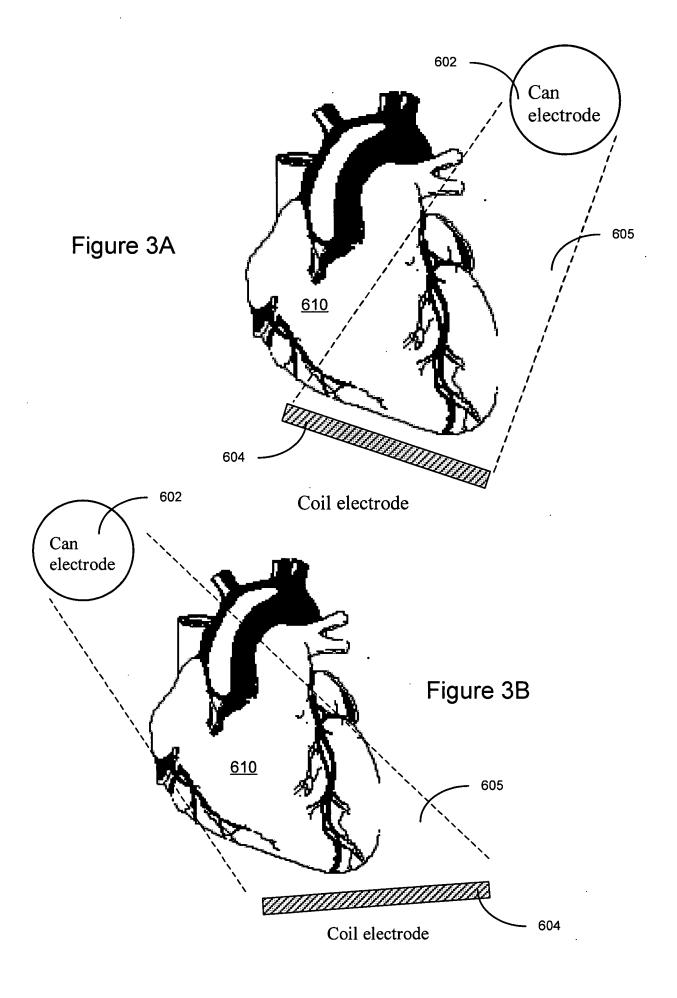
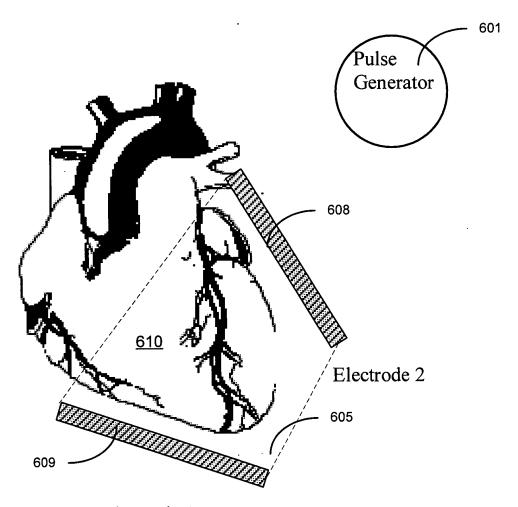
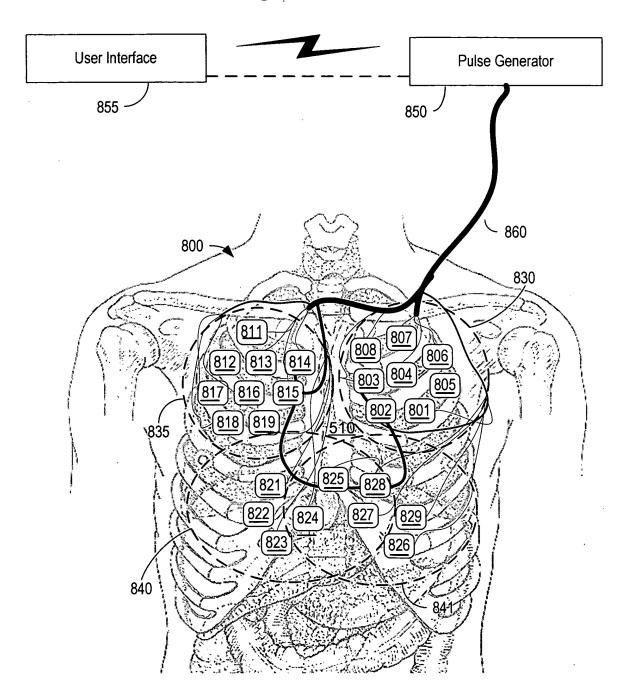


Figure 3C



Electrode 1

Figure 3D



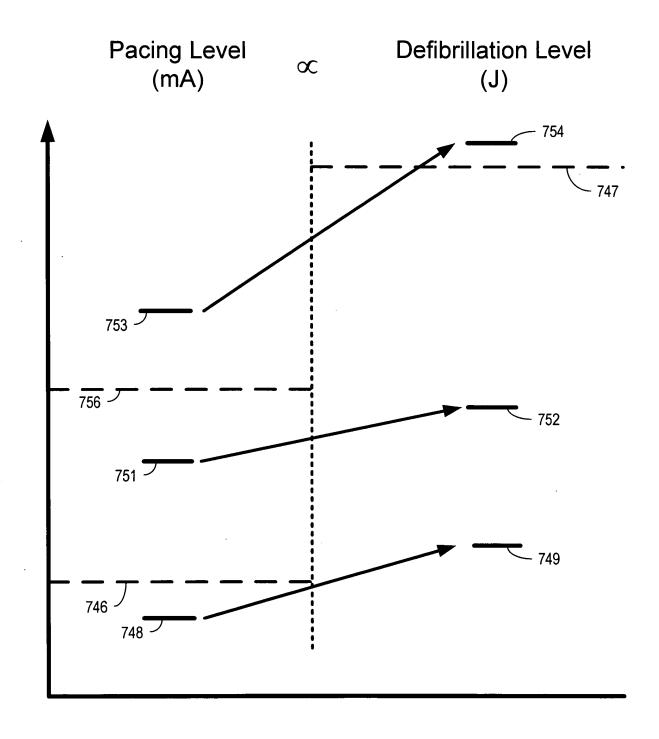


Fig. 4A

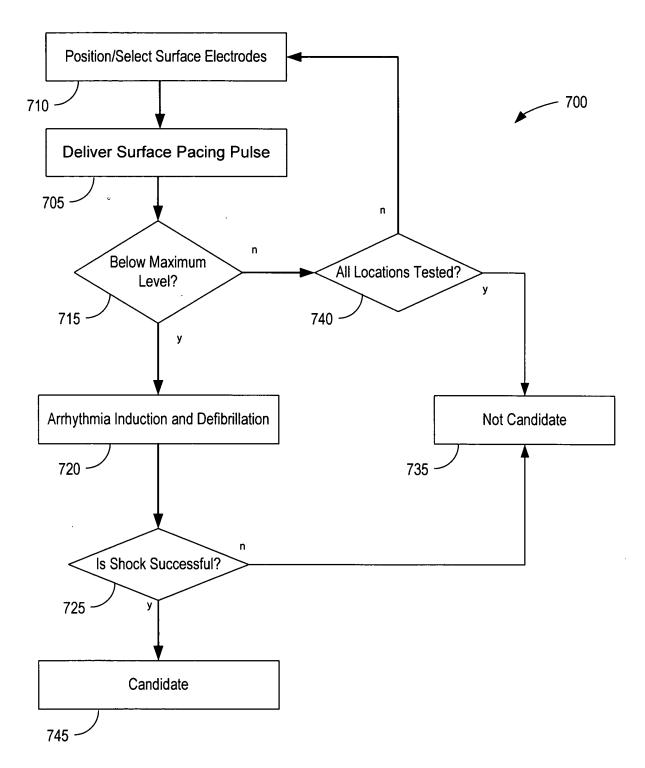


Fig. 4B

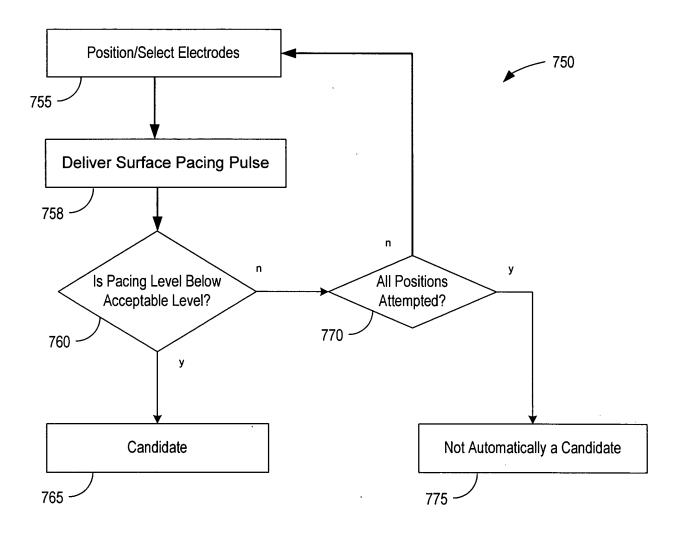


Fig. 4C

Fig. 5A

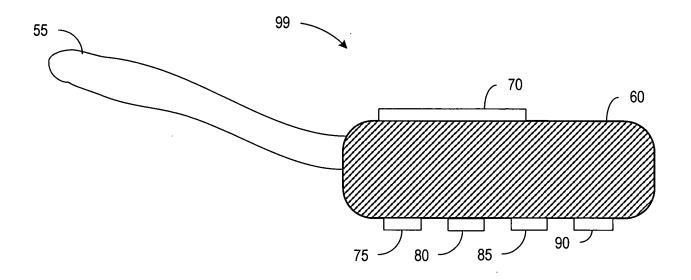


Fig. 5B

